

P. O. Box 829
Carlsbad, New Mexico
May 9, 1961

Confidential Claim Retracted

Authorized by: SL

Date: 6/12/13

**MINE INSPECTION REPORT
JACKPILE MINE
UNITED PUEBLO AGENCY
LAGUNA PUEBLO RESERVATION**

by
James W. Hager
Mining Engineer

**U. S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
BRANCH OF MINING OPERATIONS
CONSERVATION DIVISION**

On April 26, 1961 the Jackpile mine on the Laguna Indian Reservation was inspected. The mine was operated by the Anaconda Corporation and is located 8½ miles north of Laguna, Valencia County, New Mexico. The last inspection by engineers from this office was December 7, 1960.

The lease originally covered 799.09 acres when issued May 7, 1952. By amendments made September 9, 1954 and November 27, 1957 the lease was extended to cover 3,679.09 acres. The lease was further amended on December 23, 1960 to cover an additional 1309.39 acres for a total of 4,988.48 acres.

On date of inspection all production was from the Jackpile pit. Strip-ping was confined to the last bench above the ore zone. A six yard P. & H. shovel was being removed from the pit to the mechanical shop yard to be repaired prior to moving the shovel to the new area. A D-9 caterpillar bulldozer with ripper was employed at the lowest part of the pit to clean up the thin ore streak left by the shovels and to push out the ore to solid ground away from the soft muddy area for loading into trucks. No other changes had been made since date of last inspection in ore handling.

The new 1309.39 acre extension of the lease covers the Puguete ore body that was drilled out last year. This ore body lies to the west of the Jackpile pit about one and one half miles. The initial strip-ping had started on date of inspection. One 5 yard shovel was working on the first bench. No explosives were used to break the overburden. The first shovel was moved into Puguete on March 15, 1961. It operated at a rate of about 4,500 tons per shovel shift. On May 15 the second shovel, a 6 yard P. & H. shovel will be placed in operation in Puguete.



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Plans call for a gradual movement of equipment from the Jackpile to Puguete in the next three months. Ore production will continue from the Jackpile until the Puguete is brought into production which should be in the fall of 1961.

The Puguete ore body lies about 105 feet below the surface at its deepest. The exploratory data indicates a consistent ore body of high and low grade ores. Difficulty is anticipated in grade control. Approximately 2 million tons of ore are estimated to be in the ore body.

On date of examination there were 260 men employed at the mine. The mine produced about 3000 tons of ore, 3000 tons sub-ore and about 20,000 tons of waste.

No safety violations or violations of the lease terms were noted during the inspection.

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Orig. to: Supt., United Pueblo, Albuquerque
cc: Comm., Office of Indian Affairs
: Chief, Branch of Mining Operations
: Bureau of Mines, Denver
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